

Preliminary Data Gap Analysis
Pebble Project Environmental Impact Statement

Resource: Noise			
Project Component	Analysis Component	Description	Data Recommendations
Mine Site Amakdedori Port Transportation Corridor, natural Gas Pipeline Corridor	Affected Environment	Availability of existing conditions noise data appears limited for project footprint and adjoining vicinity.	Please provide any existing report or data that provides information on baseline noise conditions within, or in the vicinity of, the project footprint. If not available, baseline noise level data should be measured in the vicinity of the Happy Valley community on the Kenai Peninsula.
Mine Site Amakdedori Port Transportation Corridor, natural Gas Pipeline Corridor	Effects Analysis	Detailed information on the mine Plan of Operations is limited.	Please provide details of project mine plan, including specific information on equipment that will be used during construction, operation, and closure (i.e., reclamation) of the mine, including equipment, process, and vehicle rosters, locations, duty cycles, and time periods (e.g., by month or phase) over the anticipated lifetime of the project. This information is critical to evaluating potential noise effects.

Data Reviewed

1. Army Permit Application submitted by Pebble Limited Partnership (PLP)
2. Publicly available environmental baseline data (<https://pebbleresearch.com/>). Chapter 12 provides good baseline noise information for Iliamna Lake area, but not for Cook Inlet area.
3. Public information regarding noise concerns near Happy Valley Natural Gas Pipeline terminus (<http://dog.dnr.alaska.gov/Documents/Permitting/CookInlet/OperationPlans/2015/Hilcorp-DeepCreekUnit-HappyValleyMiddlePadDecision.pdf>).